Clovis Urban Greening Plan
Community Workshop #2 – Helm Ranch

Wednesday, October 15, 2014
WHAT IS AN URBAN GREENING PLAN?

- A guide to help the City to improve quality of life for residents
- Identification of needs, opportunities and goals for creating a greener, more environmentally sustainable and livable City
- Strategies to address identified goals
- It is a plan and is opportunity-based – implementation over time
WHAT IS AN URBAN GREENING PLAN?

Parks, trails and open space

Urban forestry and street trees
WHAT IS AN URBAN GREENING PLAN?

Stormwater Management

Water Conservation
WHAT IS AN URBAN GREENING PLAN?

Improved pedestrian and non-vehicular access

Landscape design guidelines and plant palette
ESTABLISHED greening goals and strategies
IDENTIFIED greening opportunities
DEVELOPED greening tools
GREENING GOALS AND STRATEGIES

ENVIRONMENTAL CONCERNS

- WATER
- AIR QUALITY
- CLIMATE CHANGE
- PUBLIC HEALTH

COMMUNITY FEEDBACK
GREENING GOALS AND STRATEGIES

COMMUNITY FEEDBACK

WHAT IS THE CHARACTER OF HELM RANCH?

Inside the boundary, write any words that you think describe your neighborhood and any special qualities that make it unique:

- Friendly home for us years but changing now
- Close-to-old Town
- Uncle from years ago
- Built what you can maintain
- Blighted
- Need... safety important
- Clean Air
- Maintenance... sources bacteria
**GREENING GOALS AND STRATEGIES**

**EDUCATE THE COMMUNITY AND BUSINESSES**
- Provide information about conservation and the multiple benefits of urban greening
- Encourage healthy eating habits and experiences through support of agricultural education
- Support environmental and agricultural education
- Inform the public about 2010 Local Water Efficiency Ordinance
- Inform the public about Tree Protection Standards in updated City Development Code

**DRAW PEOPLE OUTSIDE**
- Create new green space
- Develop pedestrian linkages and trails
- Support provision of outdoor dining
- Consider creating a City-wide landscape improvement district
- Formalize joint use agreements with schools

**UTILIZE GREEN INFRASTRUCTURE**
- Offset the impact of impervious surfaces by pursuing "Green Streets" pilot projects
- Increase and maintain the urban forest
- Enhance overall beautification and neighborhood identity through plantings that are designed for minimal maintenance
- Develop water-efficient guidelines and plant palette for new development
- Encourage conservation and restoration of wildlife habitat

**PROMOTE ALTERNATIVE TRANSPORTATION**
- Reduce vehicle miles traveled and fossil fuel dependency
- Increase connectivity to green space and other activity centers
- Improve pedestrian access from residential neighborhoods to everyday goods and services
- Provide safe and accessible streets with shading and buffers to encourage walking and biking

**GROW THE LOCAL ECONOMY**
- Protect agricultural operations
- Increase property values
- Increase activity in retail areas

**IMPLEMENT RECOMMENDATIONS FROM PREVIOUS PLANNING EFFORTS**
- Urban Forest Resources Analysis: 2,512 available planting sites
- Bicycle Transportation Master Plan: Increase utilization and recreational use of bike system
- Parks Master Plan: New open space opportunities
- Draft General Plan: Continue to grow and sustain the values that make Clovis special: foster stewardship to conserve and enhance natural resources while contributing to a healthy community

**MAXIMIZE OPPORTUNITIES FOR PARTNERSHIPS ON GREENING EFFORTS**
- County of Fresno
- City of Fresno
- Clovis Unified School District
- Clovis Community Foundation
- Clovis Chamber of Commerce
- Tree Fresno
- Clovis Botanical Garden
- UCCE Master Gardeners of Fresno
- Clovis Rodeo Association
- Building Industry Association
- Fresno Metropolitan Flood Control District
- Fresno Irrigation District
- Climate Change Institute at Fresno State

COMMUNITY FEEDBACK
GREENING OPPORTUNITIES

NEW PARK SPACES

- Recreational centers
- Vacant lot conversions

STREETS

- Safety improvements
- Access for all types of pedestrians
- Aesthetic improvements and maintenance
GREENING OPPORTUNITIES

CIRCULATION

- Pedestrian concerns on large streets and major intersections
- Landscaping to improve major streets
- Traffic and exhaust issues near commercial areas

ACCESS

- Improve walking conditions along key residential streets around school and irrigation canal
GREENING TOOLS

COMMUNITY FEEDBACK

URBAN GREENING improves environmental conditions.

Urban Greening Strategies
WHAT WOULD YOU LIKE TO SEE MORE OF IN CLOVIS?
put a sticker in the box you like

STREET TREES & PLANTING
PARKS AND OPEN SPACE

WATER EFFICIENT PLANTING
RAINGARDENS AND SWALES

COMMUNITY GARDENS
ALTERNATIVE TRANSPORTATION

HABITAT RESTORATION
OTHER
THINK ABOUT:

SAFETY IN PLANT SELECTION
NATIVE PLANTS
NO TRASH RAPID GROWTH

URBAN GREENING OPPORTUNITIES
GREENING TOOLS

PLANT PREFERENCE

COMMUNITY FEEDBACK
GREENING TOOLS

PLANT PALETTE

- Evaluate existing trees, shrubs, and other plantings
- Get feedback about resident preferences
- Propose new, appropriate species
  - Drought tolerant
  - Shade providing
  - Non-invasive

<table>
<thead>
<tr>
<th>Scientific Name</th>
<th>Common Name</th>
<th>Height (ft.)</th>
<th>Diameter (in.)</th>
<th>Growth Rate (Fast, Moderate, Slow)</th>
<th>Drought Tolerance</th>
<th>Salt Tolerance</th>
<th>Salt Nodules</th>
<th>Drought tolerant</th>
<th>Shade providing</th>
<th>Non-invasive</th>
<th>Comments</th>
<th>Suitable Areas</th>
</tr>
</thead>
<tbody>
<tr>
<td>Arctostaphylos</td>
<td>California manzanita</td>
<td>D</td>
<td>10-20</td>
<td>30-50</td>
<td>M</td>
<td>7</td>
<td>20</td>
<td>Mod</td>
<td>2</td>
<td>green-colored bloom; attractive branching; loses all its leaves in autumn.</td>
<td>LV</td>
<td></td>
</tr>
<tr>
<td>Arbutus unedo</td>
<td>strawberry tree</td>
<td>E</td>
<td>30</td>
<td>15</td>
<td>S-M</td>
<td>3</td>
<td>&lt;20</td>
<td>Low</td>
<td>2</td>
<td>CT</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Arbutus ‘Marina’</td>
<td>marina madrone</td>
<td>E</td>
<td>&gt;30</td>
<td>&gt;10</td>
<td>F</td>
<td>3</td>
<td>&gt;25</td>
<td>Low</td>
<td>2</td>
<td>CT</td>
<td>attractive bark; use multi-trunk where possible; pink fall flowers</td>
<td></td>
</tr>
<tr>
<td>Gossypium hirsutum</td>
<td>cotton</td>
<td>F</td>
<td>30-40</td>
<td>30-50</td>
<td>F</td>
<td>10</td>
<td>20</td>
<td>Low/Mod</td>
<td>2</td>
<td>CT</td>
<td>cotton; best as a massing tree; oval-to-cone shape</td>
<td></td>
</tr>
<tr>
<td>Gossypium hirsutum</td>
<td>cotton</td>
<td>E</td>
<td>40</td>
<td>40</td>
<td>S-M</td>
<td>8</td>
<td>35</td>
<td>Mod</td>
<td>1</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Gossypium hirsutum</td>
<td>cotton</td>
<td>E</td>
<td>&gt;40</td>
<td>30</td>
<td>S-M</td>
<td>2</td>
<td>&gt;35</td>
<td>Low/Mod</td>
<td>2</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Gossypium hirsutum</td>
<td>cotton</td>
<td>E</td>
<td>&gt;40</td>
<td>30</td>
<td>S-M</td>
<td>2</td>
<td>&gt;35</td>
<td>Low/Mod</td>
<td>2</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Gossypium hirsutum</td>
<td>cotton</td>
<td>E</td>
<td>&gt;40</td>
<td>30</td>
<td>S-M</td>
<td>2</td>
<td>&gt;35</td>
<td>Low/Mod</td>
<td>2</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Gossypium hirsutum</td>
<td>cotton</td>
<td>E</td>
<td>&gt;40</td>
<td>30</td>
<td>S-M</td>
<td>2</td>
<td>&gt;35</td>
<td>Low/Mod</td>
<td>2</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Gossypium hirsutum</td>
<td>cotton</td>
<td>E</td>
<td>&gt;40</td>
<td>30</td>
<td>S-M</td>
<td>2</td>
<td>&gt;35</td>
<td>Low/Mod</td>
<td>2</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Gossypium hirsutum</td>
<td>cotton</td>
<td>E</td>
<td>&gt;40</td>
<td>30</td>
<td>S-M</td>
<td>2</td>
<td>&gt;35</td>
<td>Low/Mod</td>
<td>2</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
POLICY REVIEW

- Landscape maintenance recommendations
- Low water use incentives and mandates
- New landscape districts
- Street tree planting prior to development
CIRCULATION ELEMENT:

- Goal 3: A **MULTIMODAL** transportation network that is safe and comfortable in the context of adjacent neighborhoods.
- Goal 4: A **BICYCLE AND TRANSIT SYSTEM** that serves as a functional **ALTERNATIVE TO COMMUTING BY CAR**.
- Goal 5: A complete system of **TRAILS AND PATHWAYS** accessible to all residents.
  - Policy 5.1 **COMPLETE STREET AMENITIES**. Upgrade existing streets and design new streets to include **COMPLETE STREET AMENITIES**, prioritizing improvements to bicycle and pedestrian connectivity or safety, consistent with the Bicycle Transportation Master Plan and other master plans.

OPEN SPACE AND CONSERVATION ELEMENT:

- Goal 2: **NATURAL, AGRICULTURAL, AND HISTORIC RESOURCES** that are preserved and promoted as key features for civic pride and identity.
- Goal 3: A built environment that conserves and protects the use and **QUALITY OF WATER AND ENERGY RESOURCES**.
GREEN VISION

- Resolve maintenance issues and refocus new projects to Helm Ranch
  - Improve overall look of landscape infrastructure
  - Provide new green infill projects in vacant and underutilized spaces

- Infrastructure focused on MULTI-GENERATIONAL and MULTI-MODAL transportation
  - Improved sidewalks
  - Improved bike lanes
  - Improved transit options
GREEN VISION

Specific to HELM RANCH
GREEN VISION

Specific to HELM RANCH
TONIGHT'S GOALS

- PRIORITIZE greening opportunities
- DEVELOP conceptual design layout
- CREATE 20-year green vision
PRIORITIZE GREENING OPPORTUNITIES
PRIORITIZE GREENING OPPORTUNITIES

CONSIDERATIONS

- Who would use it?
- What would they do there?
- Would it have active uses (like sports fields and exercise equipment) or passive uses (like walking trails and habitat areas?)
- What would it look like?
- What amenities would it have?
PRIORITIZE GREENING OPPORTUNITIES

CONSIDERATIONS

- Who would use the streets (walkers, bikers, drivers, horseback riders, other)?
- How will the space be divided for the groups?
- What types of landscape elements (trees and shrubs) should there be?
- What happens at intersections?
PRIORITIZE GREENING OPPORTUNITIES

CONSIDERATIONS

Irrigation canals

- Should it be open?
- How do you keep people away from the water?
PRIORITIES

Which projects are the most valuable?

PHASING

Which projects do you want to see first?
DEVELOP CONCEPTUAL SITE DESIGN

PARK

STREET

TRAIL
DEVELOP CONCEPTUAL SITE DESIGN

PARK

STREET

TRAIL
Clovis Urban Greening Plan

Community Workshop #2 – Helm Ranch

Wednesday, October 15, 2014